

WHAT IS CLAIMED IS:

1. A laser pointer with external power, comprising:

a laser generator, for generating laser beams;

an interface for external-power connection, which is connected to a power supply device and provides power to said laser generator;

a current limiting resistor, which is connected between said laser generator and said interface for external-power connection to protect said laser generator from damage caused by the current-overload of said laser generator; and

a power switch, which is connected between said laser generator and said interface for external-power connection to conduct power to said laser generator when said laser pointer with external power is in use.

2. The laser pointer with external power as claimed in claim 1, wherein said laser generator is a laser diode.

3. The laser pointer with external power as claimed in claim 1, wherein said interface for external-power connection is an interface of Universal Serial Bus (USB).

4. The laser pointer with external power as claimed in claim 1, wherein said interface for external-power connection is an interface of IEEE 1394.

5. The laser pointer with external power as claimed in claim 1, wherein said interface for external-power connection is an interface of PS/2.

6. The laser pointer with external power as claimed in claim 1, wherein said power supply device is a computer system.

7. The laser pointer with external power as claimed in claim 6, further including:

a mouse device, which shares said interface for external-power connection with said laser generator.

8. The laser pointer with external power as claimed in claim 1, further comprising:

a battery module, to supply power to said laser generator; and

a switch, to alternatively conduct power from said battery module or from said power supply device to said laser generator.

9. The laser pointer with external power as claimed in claim 8, wherein said interface for external-power connection is an interface of Universal Serial Bus (USB).

10. The laser pointer with external power as claimed in claim 8, wherein said interface for external-power connection is an interface of IEEE 1394.

11. The laser pointer with external power as claimed in claim 8, wherein said interface for external-power connection is an interface of PS/2.